

ABSTRACT

A node selecting method is characterized by comprising a first step of reserving a communication band on a route by seeking a communication route from a source node to a destination node through intermediate nodes by use of an ad-hoc on-demand distance vector (AODV) algorithm in a mobile ad-hoc network; a second step of storing information on communication bandwidth of a link route connecting each pair of neighboring intermediate nodes on the communication route in the intermediate nodes; and a third step of collecting information on available communication bandwidth of the communication route and transmitting it to the source node when a route reply is made from the destination node on the communication route toward the source node.